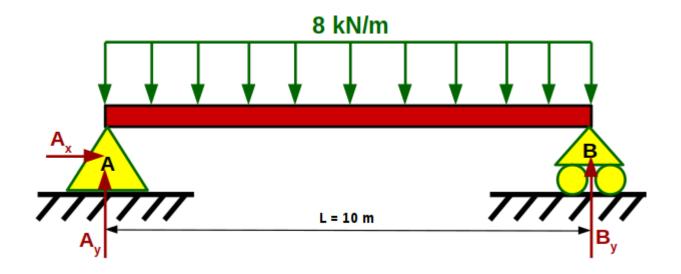


DTY Tutoring, inc. Email: dtytutoring@gmail.com Website:www.dtytutoring.com

Date: 9th October 2018

This simply supported beam is supported by a pin at A, a roller at B, and has a uniformly distributed load acting throughout the entire span, find the reactions at A and B.



Copyright © 2018 DTY Tutoring,inc. All rights reserved.

Answers (refer to solutions for detail)

 $\mathbf{A}_{\mathbf{x}} = \mathbf{0}$

 $A_y = 40 \text{ kN}$

 $\mathbf{B}_{v} = 40 \text{ kN}$